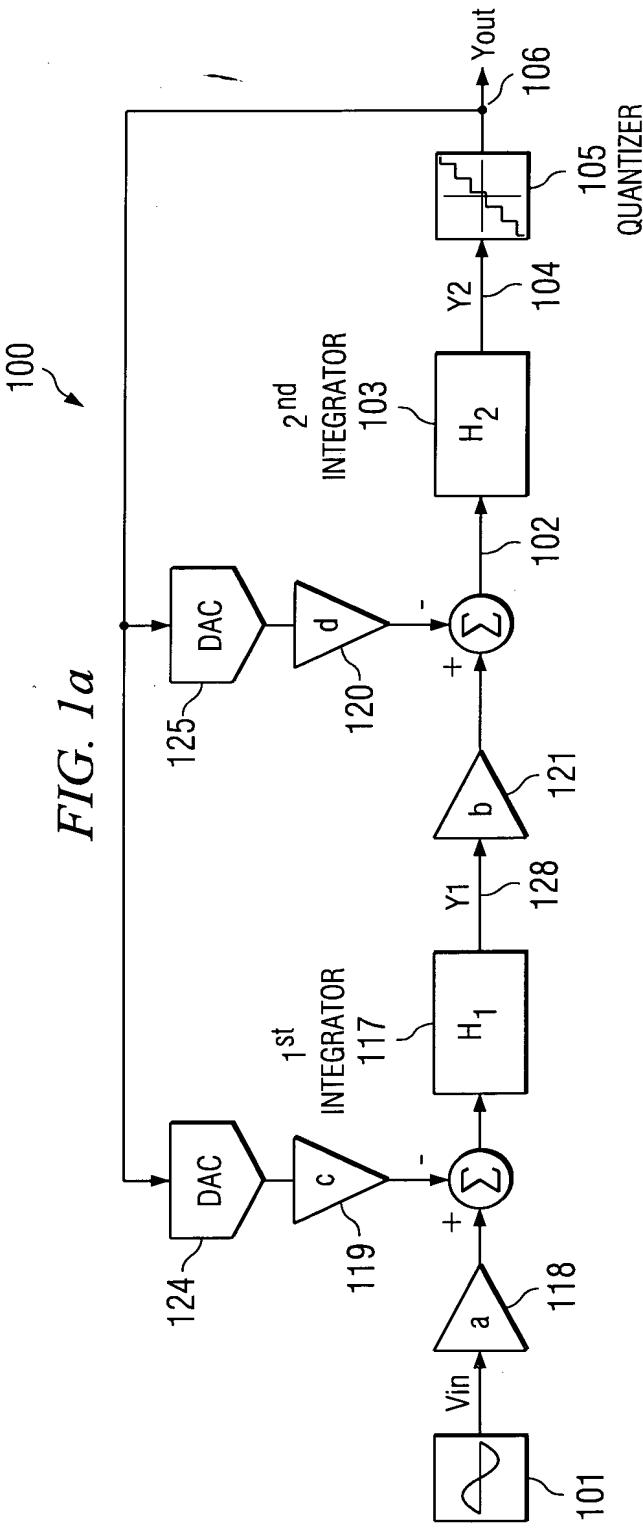




FIG. 1a



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QUANTIZER ERROR/
NOISE MODEL

FIG. 1b

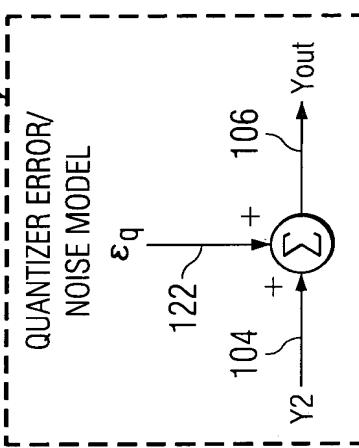


FIG. 2

200

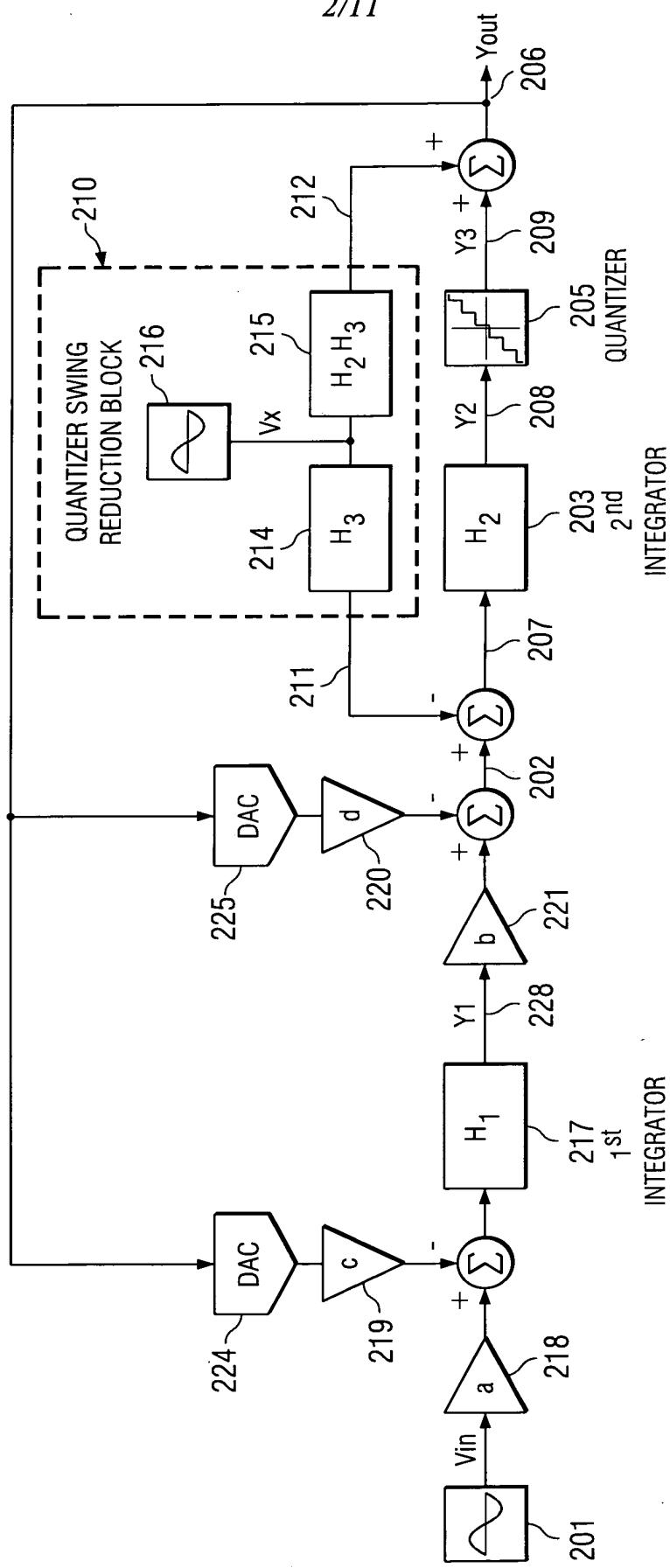
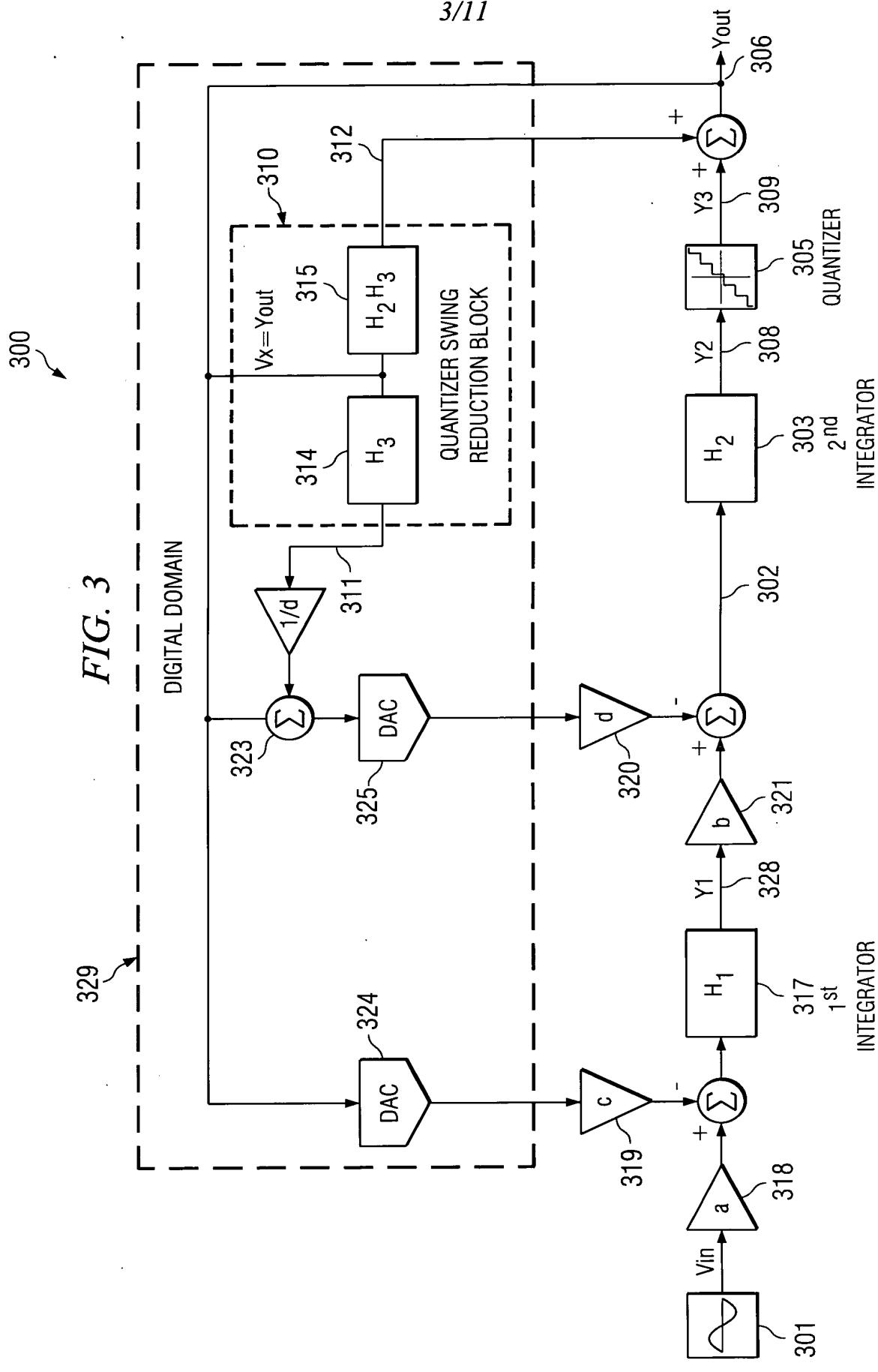
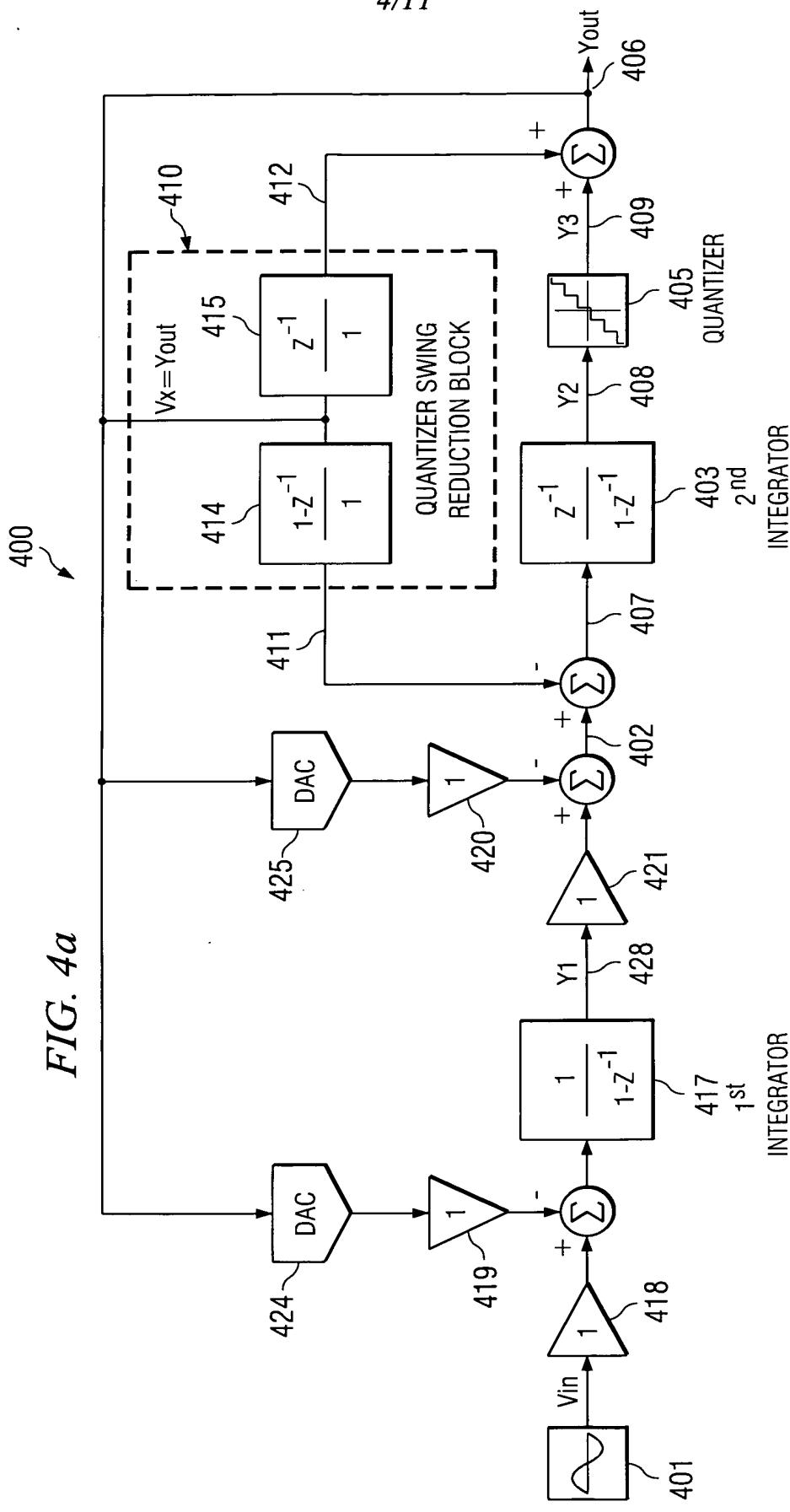


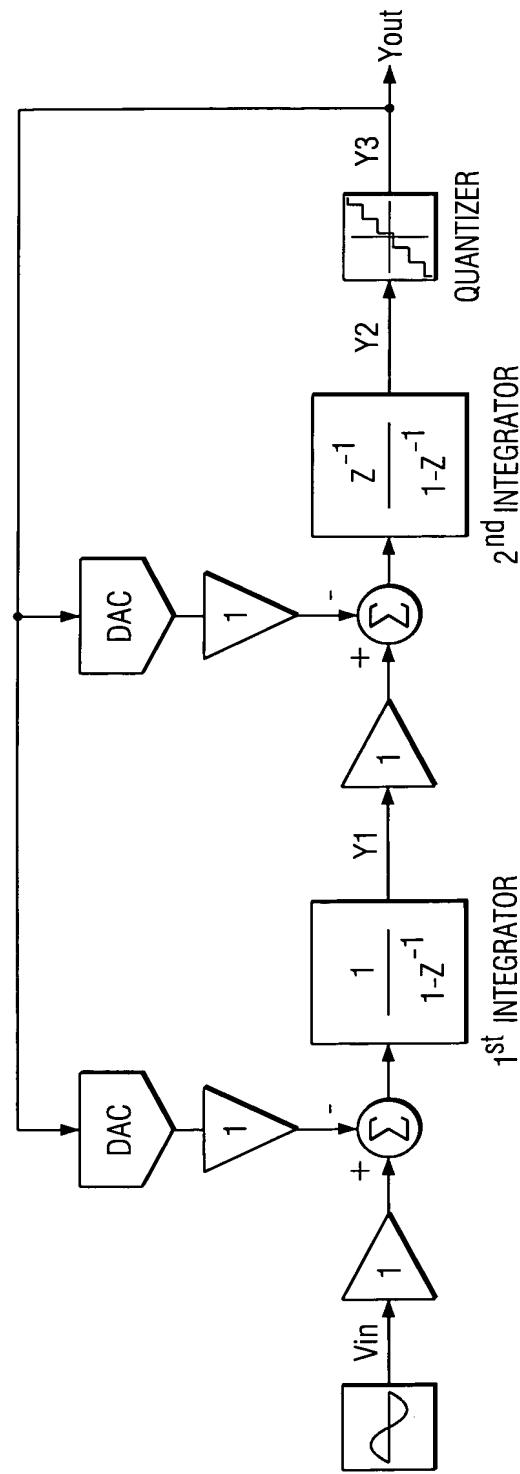
FIG. 3

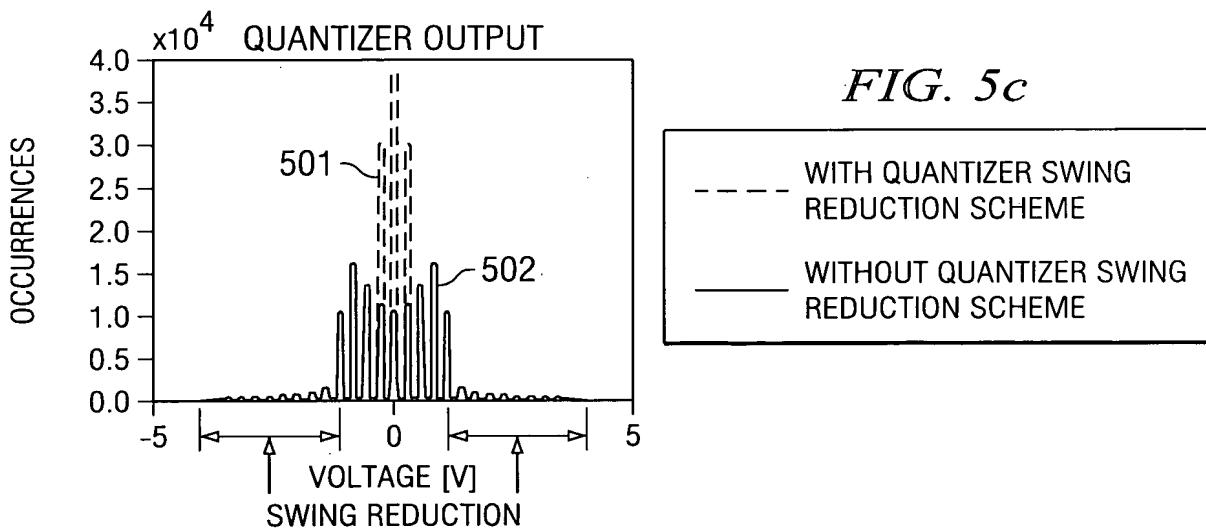
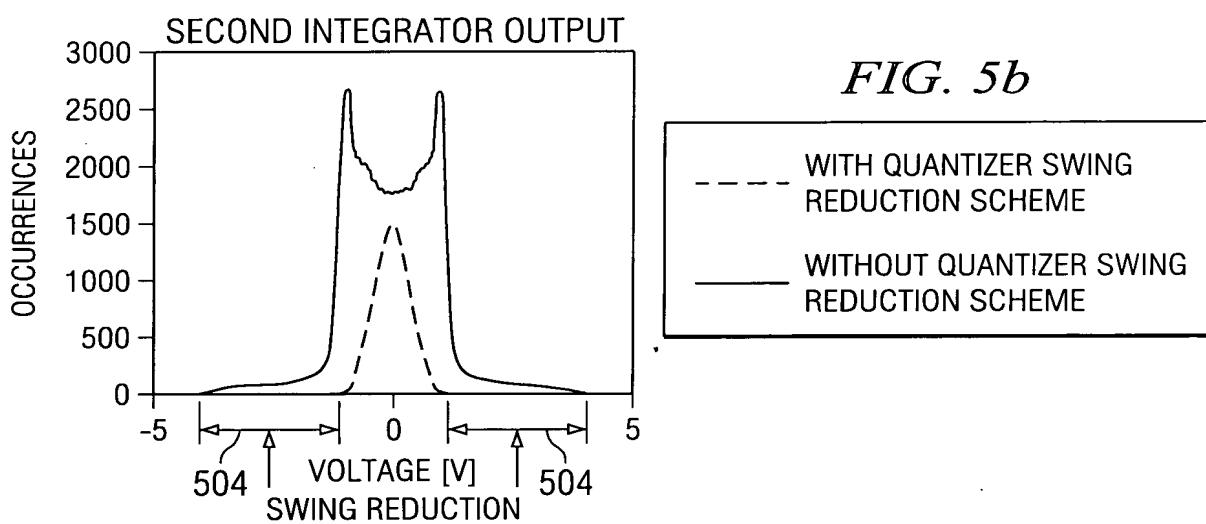
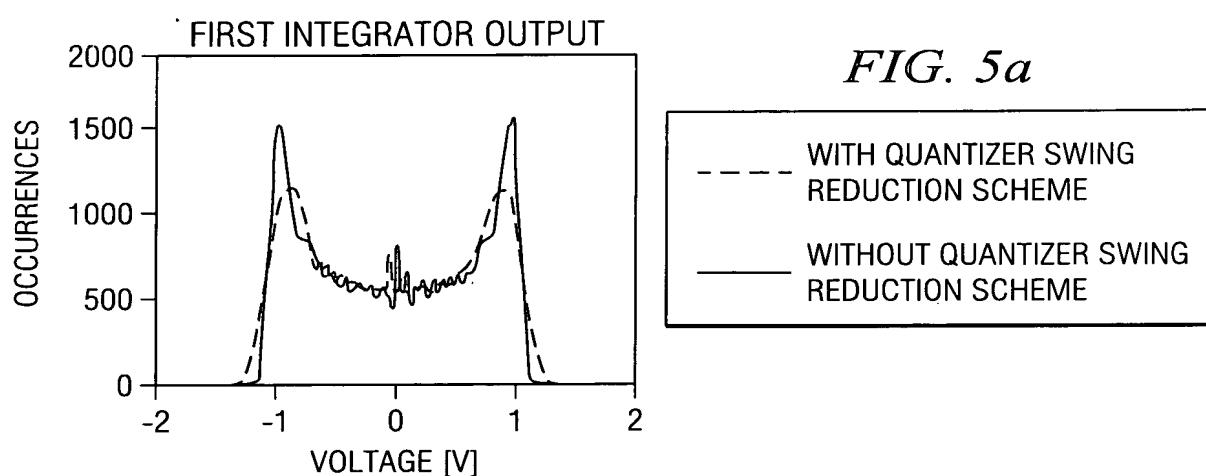




430

FIG. 4b





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FIG. 5d

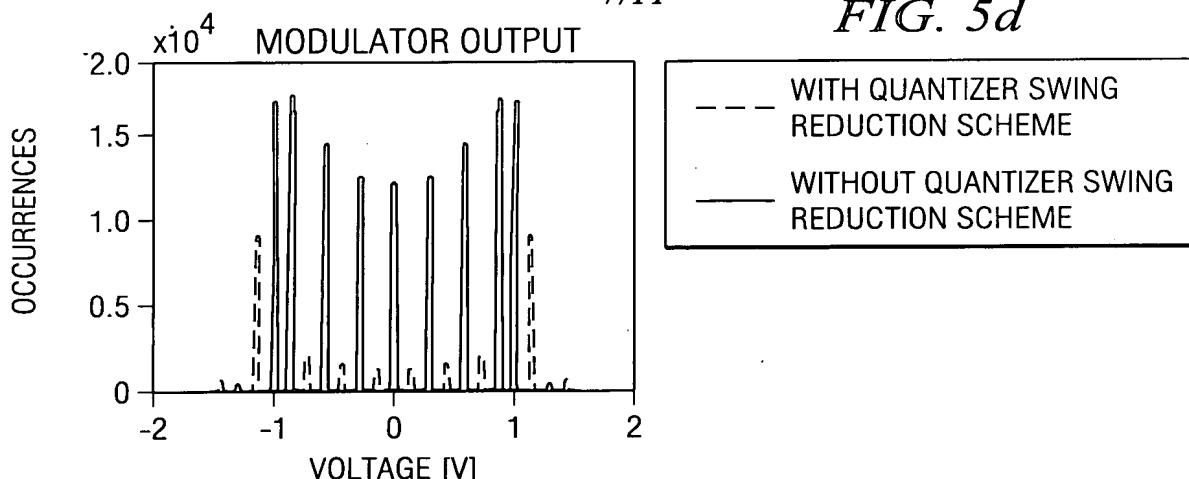


FIG. 7a

SNRD AT MODULATOR OUTPUT

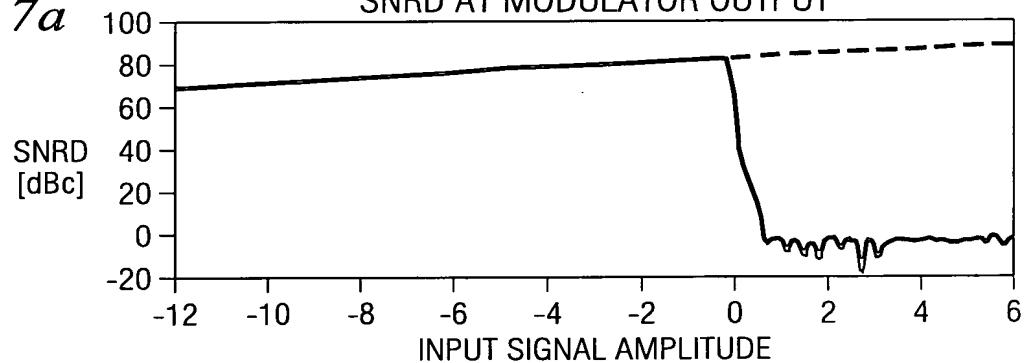


FIG. 7b

SFDR AT MODULATOR OUTPUT

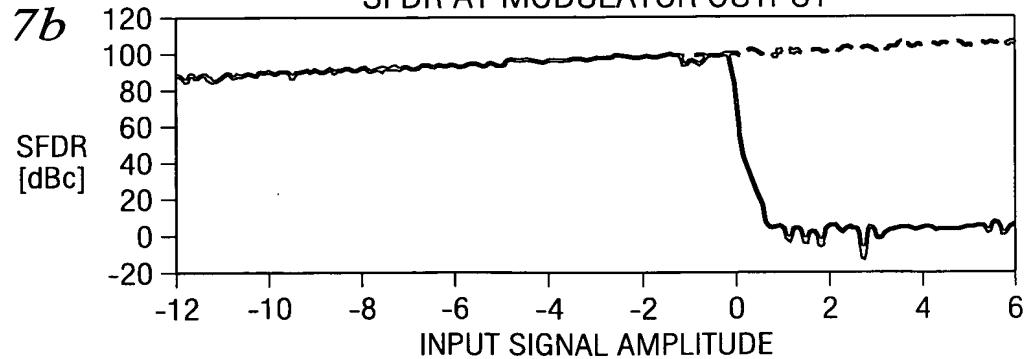


FIG. 6

WITH QUANTIZER SWING REDUCTION SCHEME	WITHOUT QUANTIZER SWING REDUCTION SCHEME
— SNR = 80.9 dB	— SNR = 55.8 dB
— SFDR = 100.6 dB	— SFDR = 64.1 dB

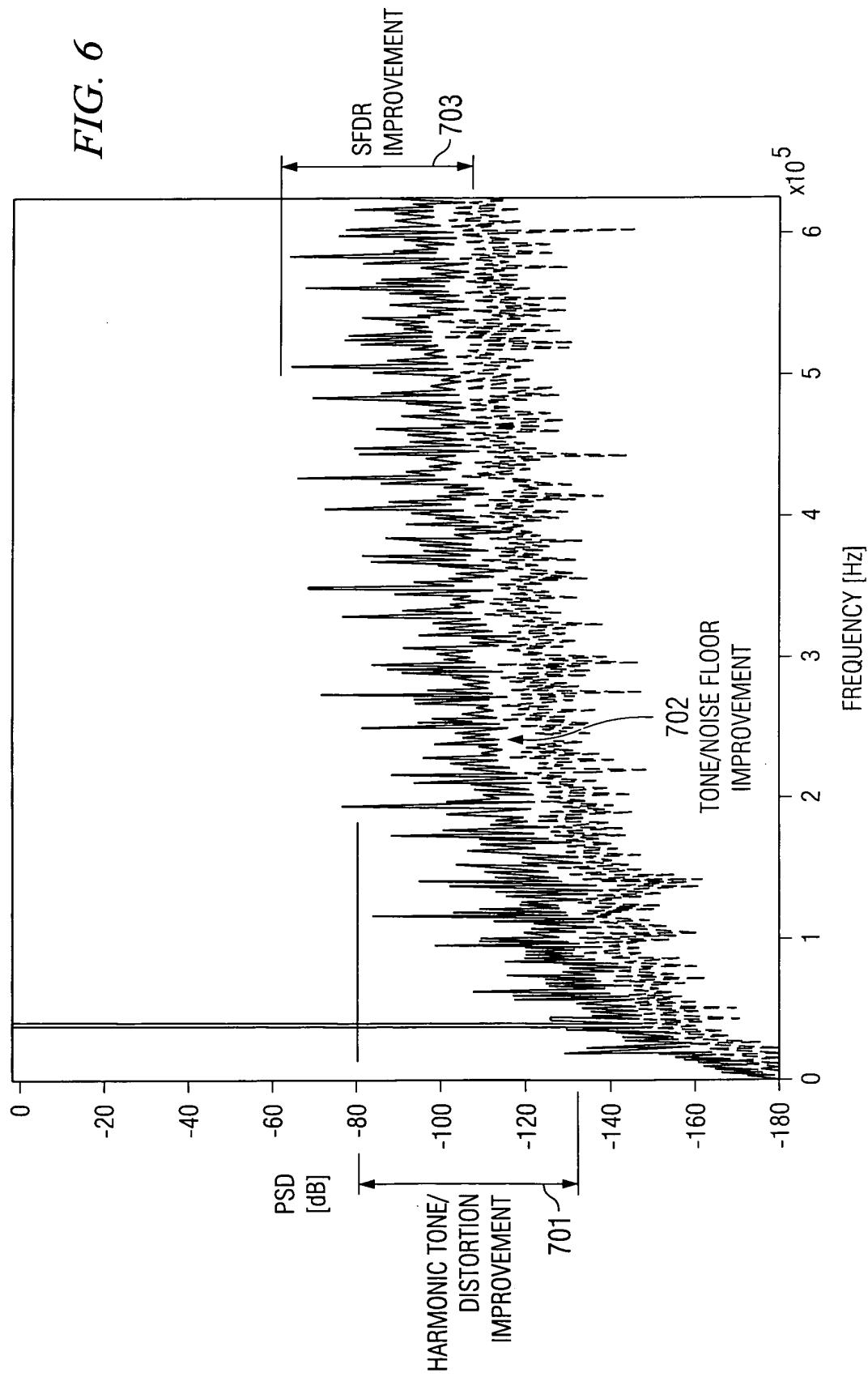
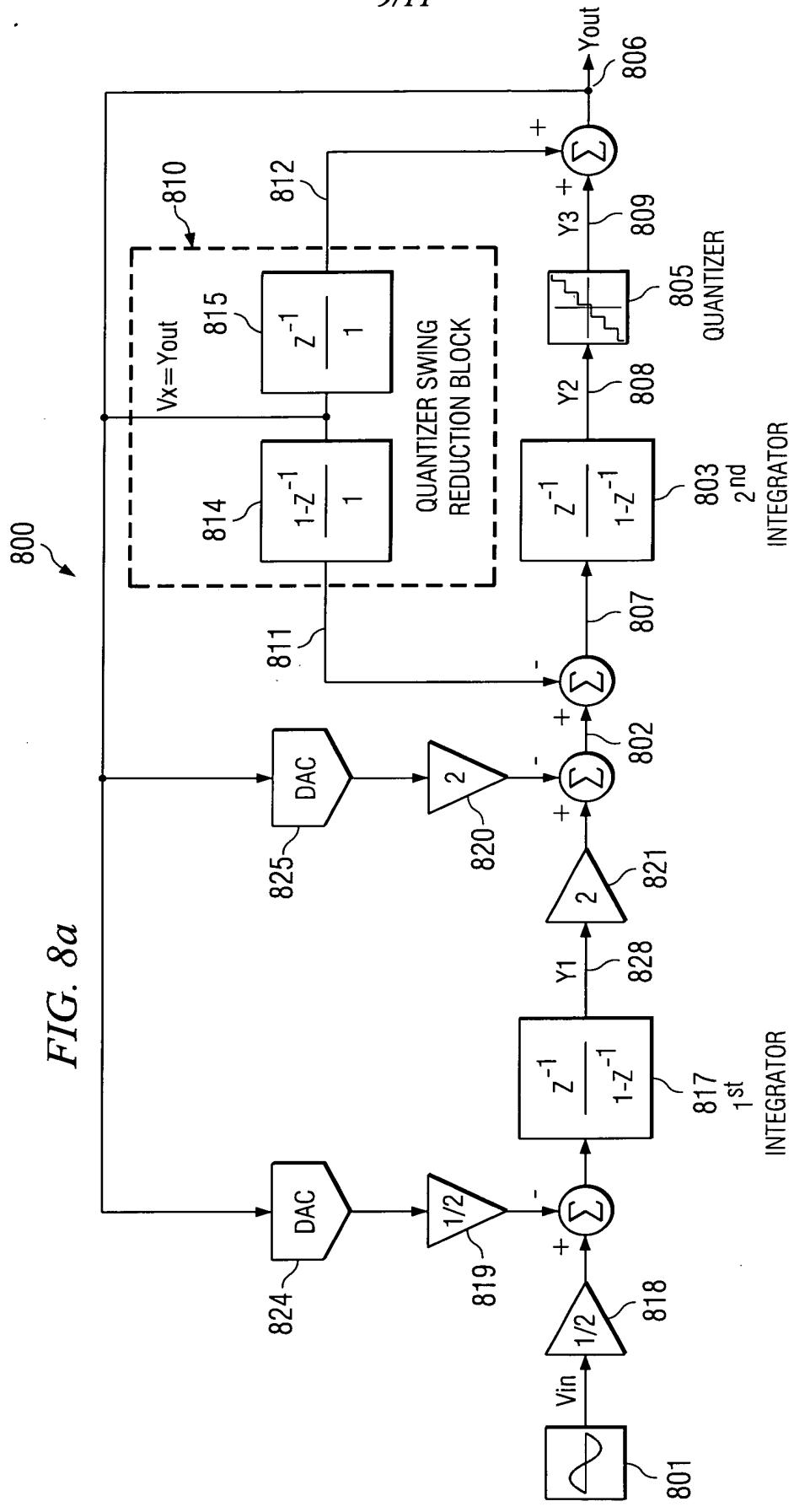


FIG. 8a



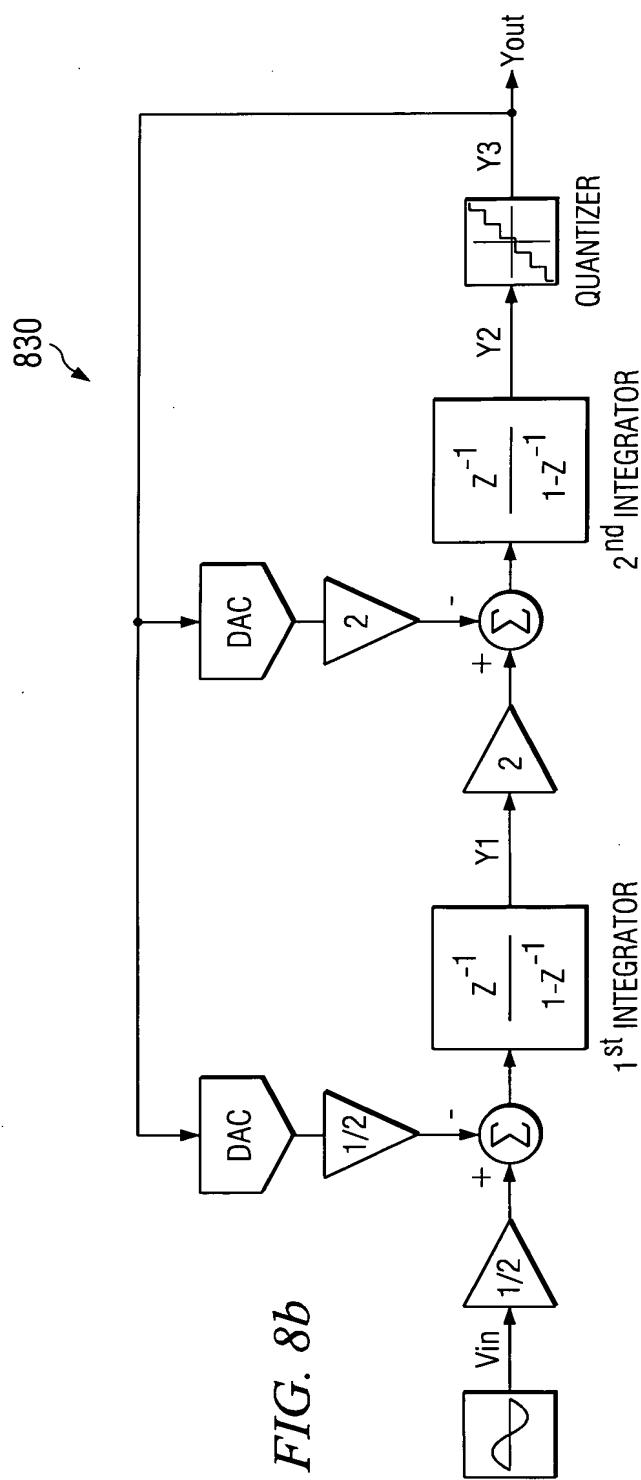


FIG. 8b

